

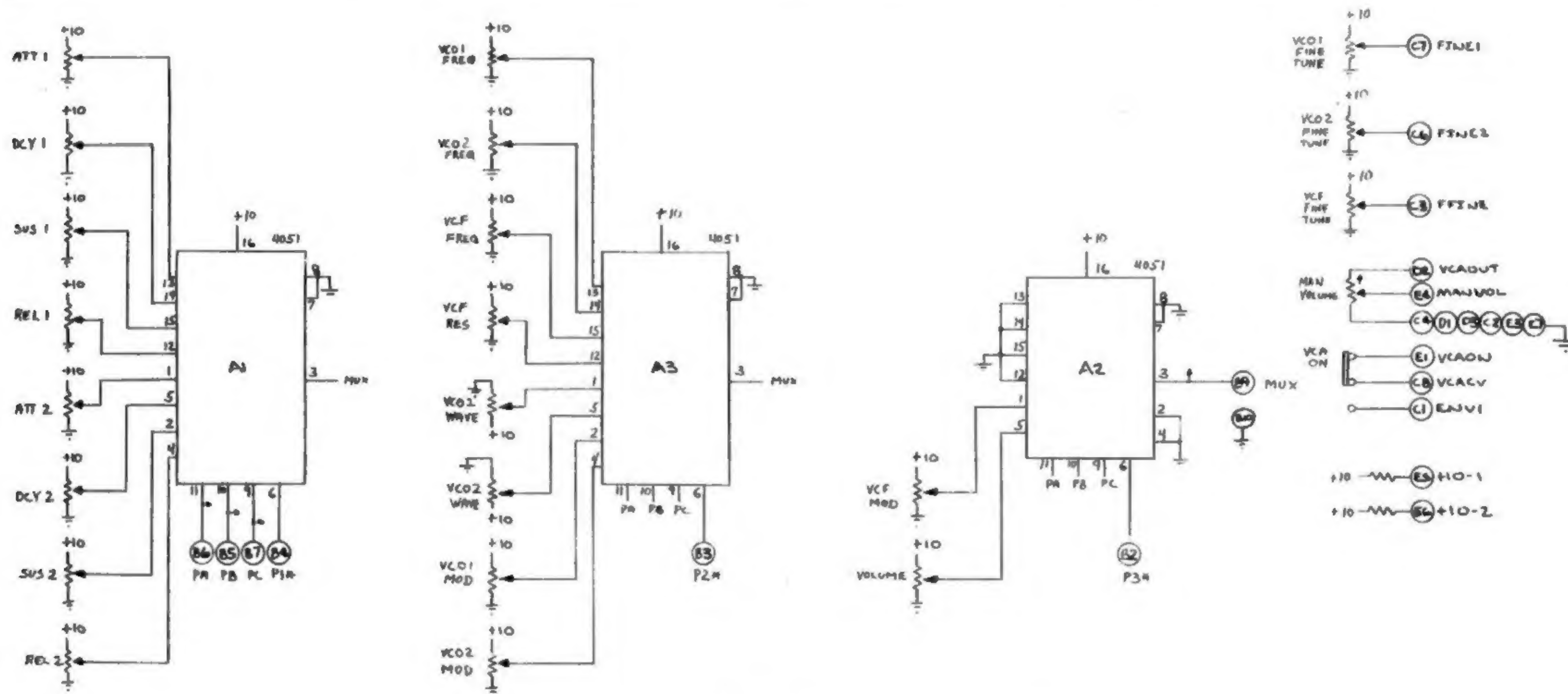
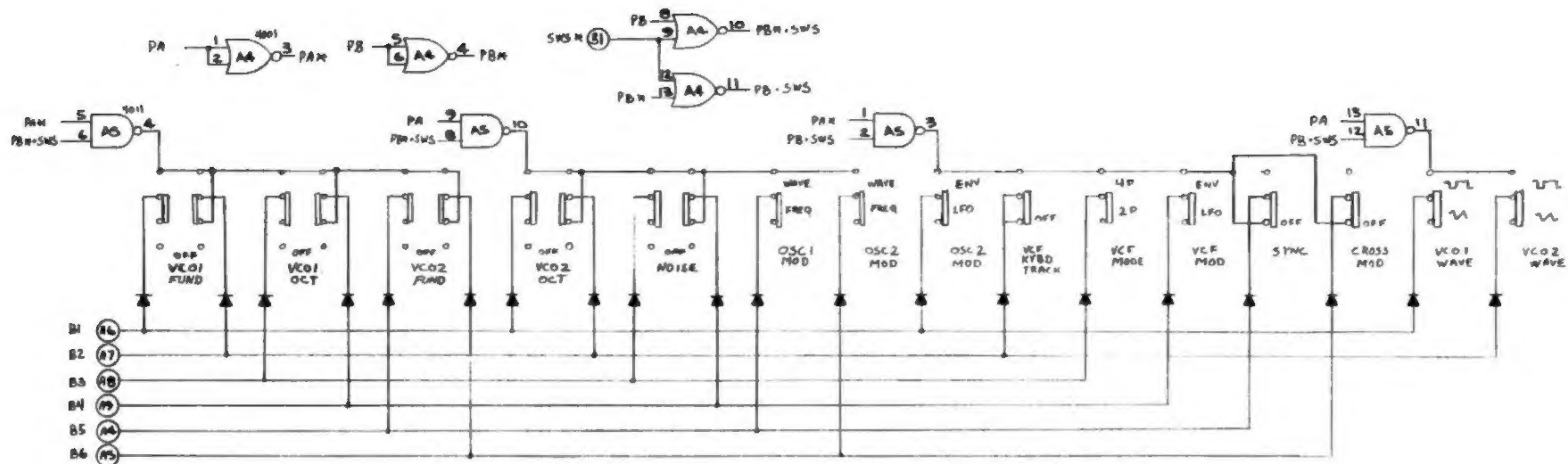
OBERHEIM ELECTRONICS INC.

OB-1

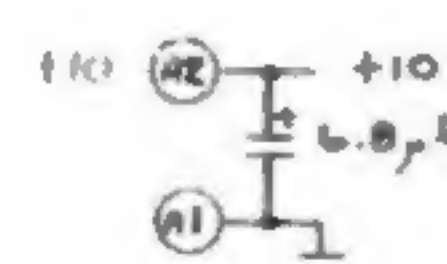
WIRING BLOCK
DIAGRAM

Rev 100
10/79

1338



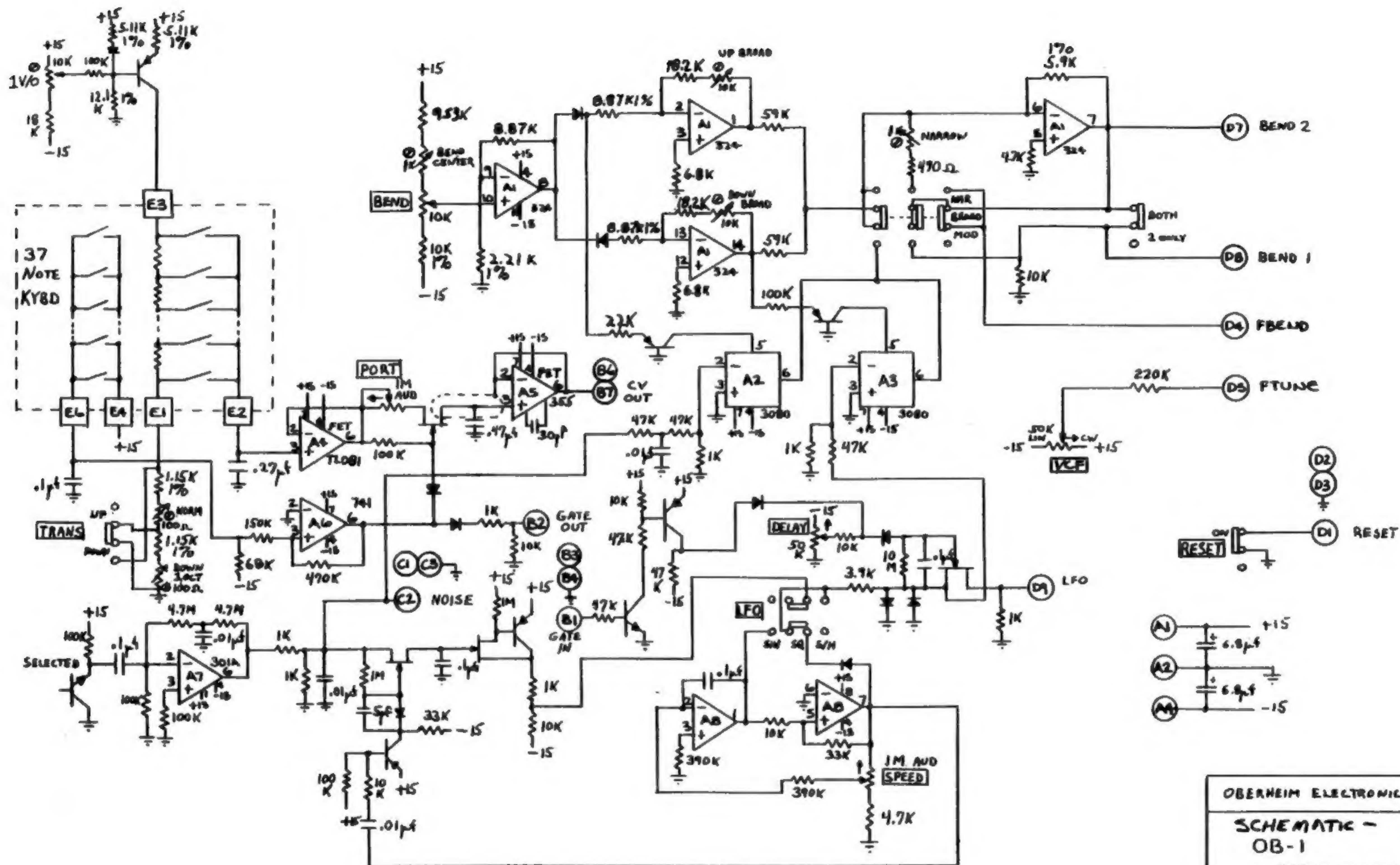
ALL POTS SHOWN
WITH CLOCK-WISE
SIDE TOWARD TOP
UNLESS MARKED, ALL
POTS 50K OHM



OBERHEIM ELECTRONICS, INC.
SCHEMATIC -
OB-1 POT BOARD

REVISED 10-31-77

1339



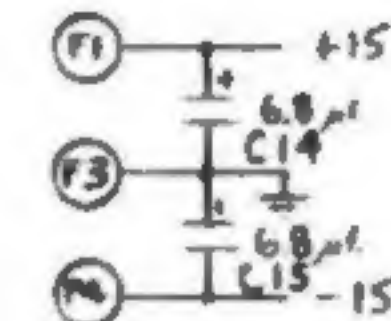
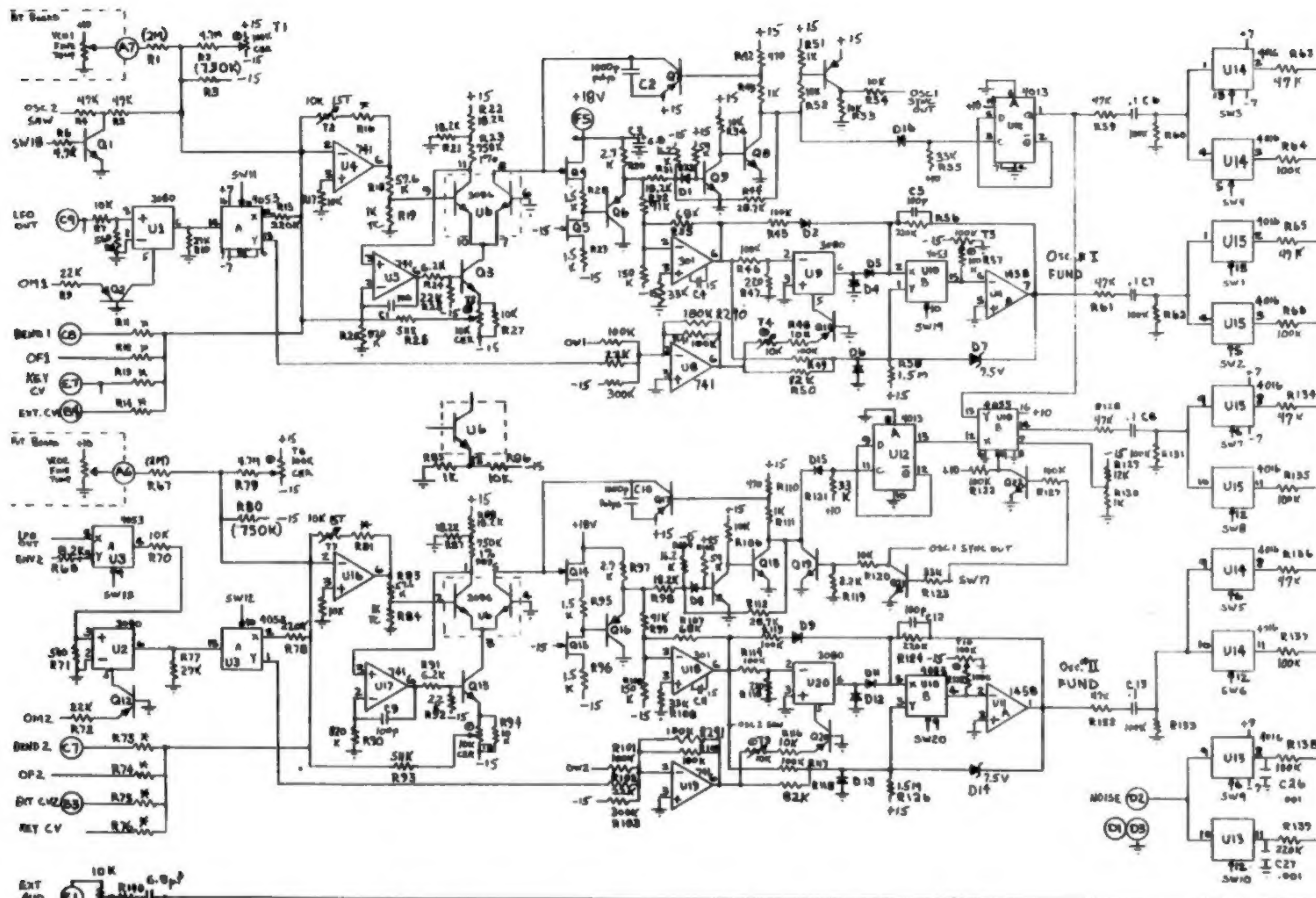
OBERHEIM ELECTRONICS, INC.

SCHEMATIC -
OB-1

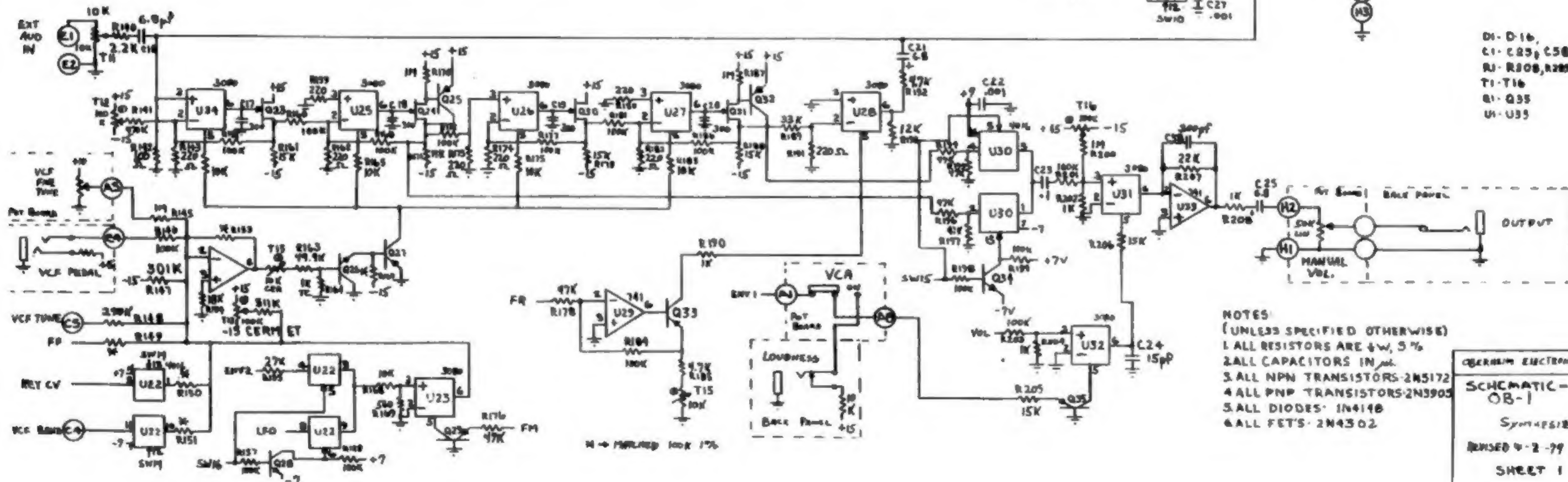
PERFORMANCE
BOARD

REVISED 12-9-78

1340

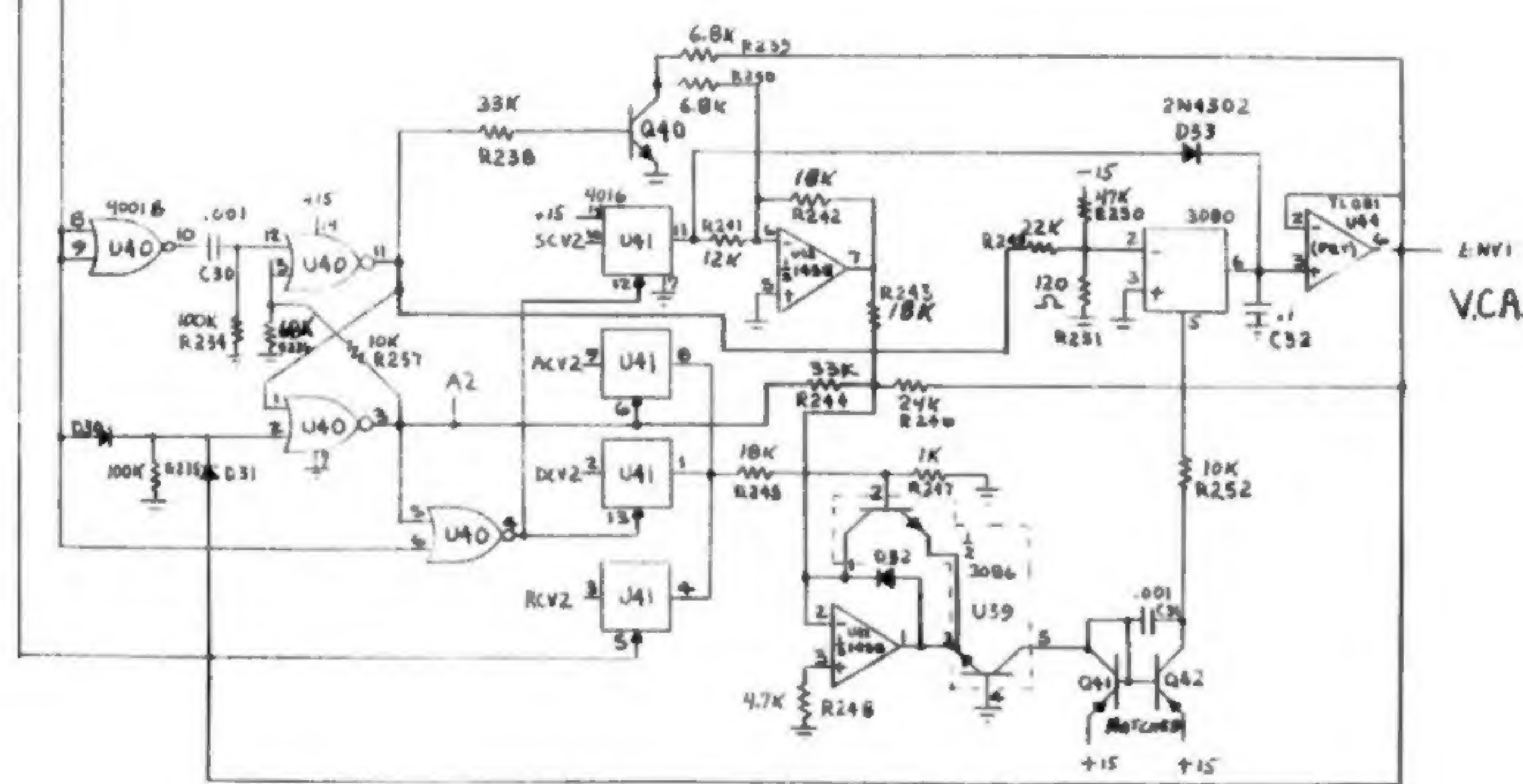
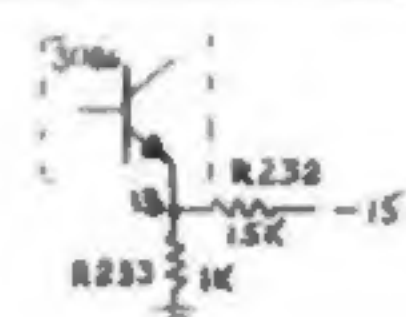
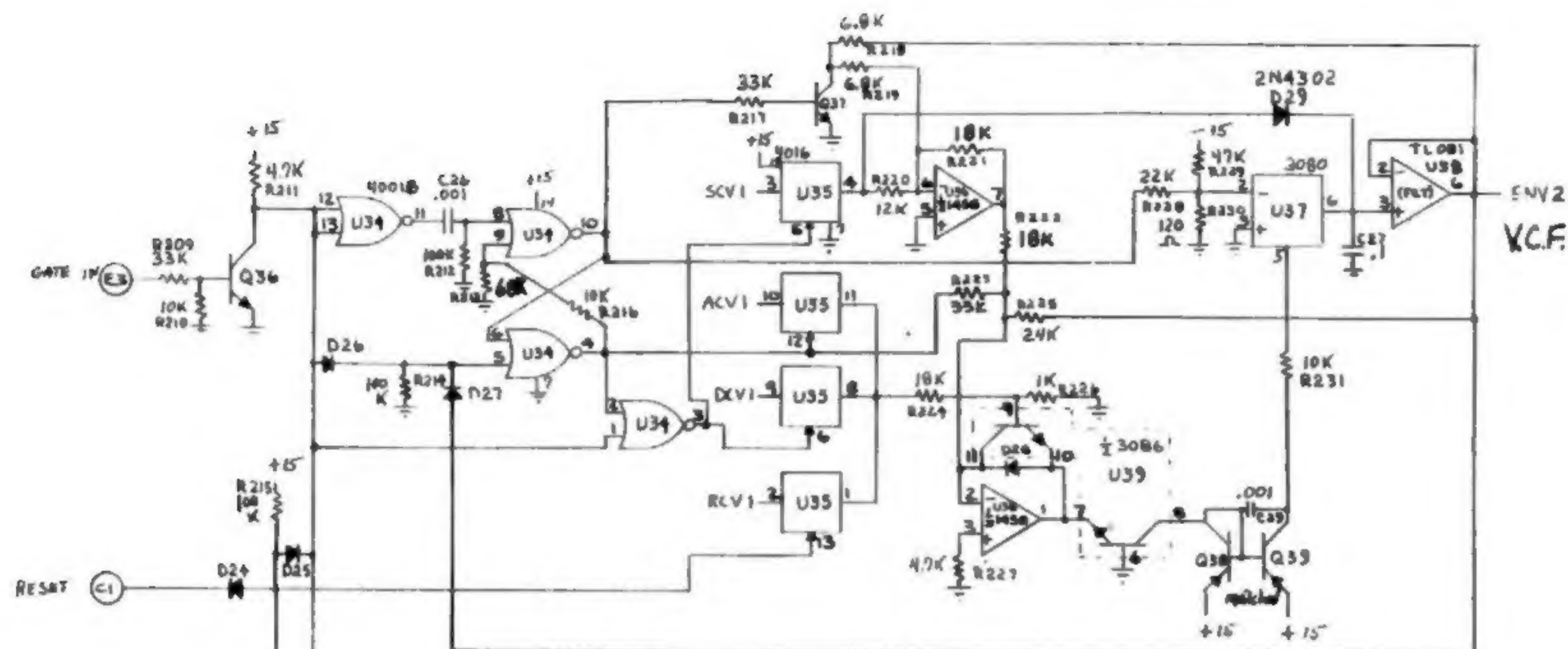


D1-D16,
C1-C23, C58
R1-R308, R289, R290, R291
T1-T16
Q1-Q35
U1-U35



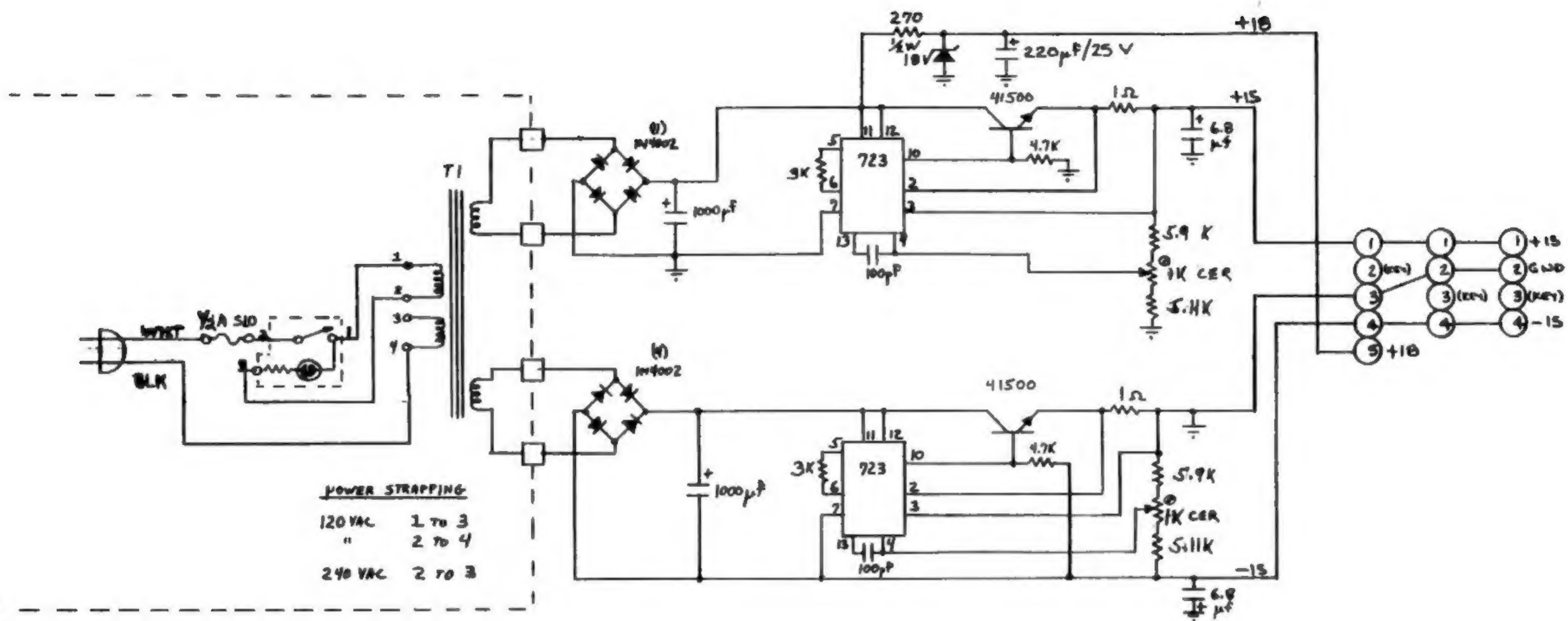
NOTES:
(UNLESS SPECIFIED OTHERWISE)
1. ALL RESISTORS ARE 1/4W, 5%
2. ALL CAPACITORS IN μ F
3. ALL NPN TRANSISTORS-2N5172
4. ALL PNP TRANSISTORS-2N3903
5. ALL DIODES-1N4148
6. ALL FET'S-2N4302

CHERAM ELECTRONICS, INC.
SCHEMATIC-
OB-1
SYNTHESIZER BOARD
REVISED 4-2-79
SHEET 1 OF 3 1342



- U34 - U44
- Q36 - Q42
- D26 - D33
- C25 - C34 C36 C38 C39 C44 NOT USED
- R209 - R252

NOTES:
 (UNLESS SPECIFIED OTHERWISE)
 1 ALL RESISTORS ARE 1/4W, 5%
 2 ALL CAPACITORS IN 1/4W
 3 ALL NPN TRANSISTORS - 2N2172
 4 ALL PNP TRANSISTORS - 2N2905
 5 ALL DIODES 1N4148
 6 ALL FETs - 2N4302
 7 4001 MUST BE BUFFERED



OBERHEIM ELECTRONICS, INC.

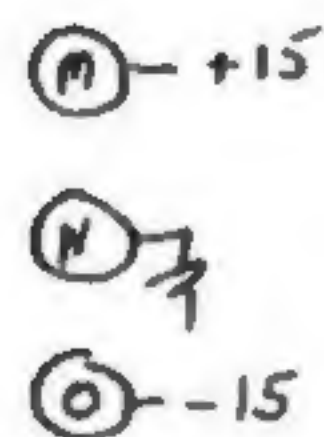
SCHEMATIC -

OB-1

POWER SUPPLY

SEPT 28, 1977
REV 3-28-78

1343



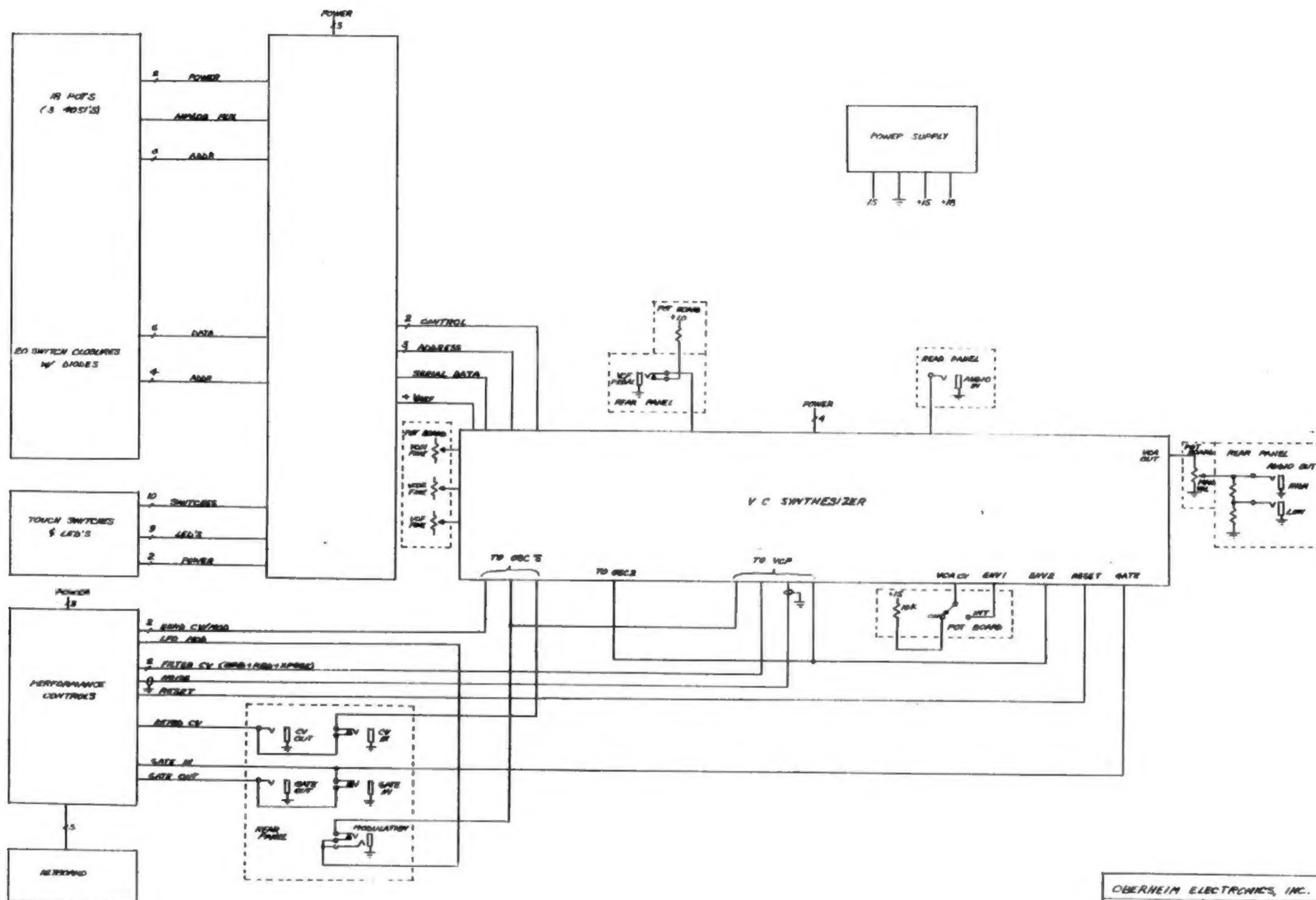
OBERHEIM ELECTRONICS

OB-1

ENVELOPE GENERATOR

CHIP BOARD

11/29/70 1387



OBERHEIM ELECTRONICS, INC.

OB-1A WIRING BLOCK DIAGRAM

R-1-79

1427